

DuraPRO®

Item No. 15-112-BR

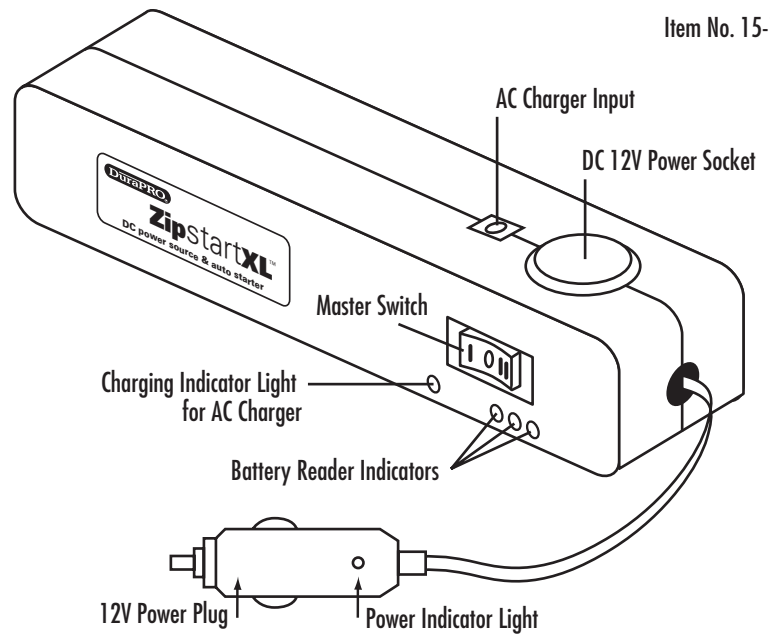
ZipstartXL™

**DC power source & auto starter
with battery reader**

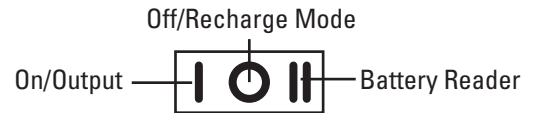
- Use as a power source for audio/video accessories, cell phones, camping accessories and more
- Recharge and start an auto battery in minutes
- Powerful Ni-Cad battery can be recharged over 500 times

Contents:

- 1 - ZipStartXL DC power source & auto starter with 12V car power cord and AC power adapter



Master Switch Positions



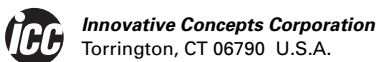
IMPORTANT NOTES

- Before attempting to start vehicle, the ZipStartXL must be removed from the vehicle's 12V socket. See "CHARGING A DEAD BATTERY" section for details.
- The ZipStartXL is shipped fully charged. However, you should initially charge the unit before use. See "RECHARGING THE ZIPSTART" section for details.
- The ZipStartXL is designed to recharge 12V batteries with a low voltage between 10.4 and 10.5 volts. If vehicle battery is severely drained, call a service center or tow truck.
- CAR ALARMS: if you have a car alarm, put it into "valet mode" before attempting to use the ZipStartXL. Many popular car alarm models cut off power to the vehicle's electrical system. The ZipStartXL will not work while this type of alarm is engaged.
- The ZipStartXL is water-resistant, but not waterproof. It may be damaged if submerged in water, and will be damaged if submerged in salt water.
- For optimum performance, store in temperatures between 32°F - 110°F (0°C - 43°C). Temperatures below 45°F (7°C) and above 85°F (30°C) will require at least an additional 10 minutes of recharging before starting engine.
- During operation, the unit may feel warm. Discontinue use if it becomes too hot.
- Do not attempt to reverse polarity.
- 25A fuses are used in a protection system which regulates the discharge and recharge of the ZipStartXL.
- Always recycle Ni-Cad battery products.
- The EPA certified RBRC Battery Recycling Seal on the nickel-cadmium (Ni-Cd) battery indicates DuraPRO® is voluntarily participating in an industry program to collect and recycle these batteries at the end of their useful life, when taken out of service in the United States or Canada. The RBRC program provides a convenient alternative to placing used Ni-Cad batteries into the trash or the municipal waste stream, which may be illegal in your area.

Please call
1-800-8-BATTERY for
information on Ni-Cad
battery recycling and
disposal bans/restrictions
in your area.



Tools that work for you®



Designed in U.S.A.
Made in China

DuraPRO is a registered trademark of
ICC Innovative Concepts Corporation

Visit us on the World Wide Web
www.durapro.com

Customer Service

860-482-0512

9a-5p M-F

Recyclable ♻️ © 2006 ICC 0906

WARNING: KEEP OUT OF REACH OF CHILDREN. READ ALL INSTRUCTIONS BEFORE USE. Danger – shock hazard. Keep battery charger and adapter away from water and other liquids. Never operate if cord is damaged or product is not working properly. Unplug when not in use.

WARRANTY: DuraPRO products are designed with quality in mind. This product is warranted against defects in material and workmanship for two years from date of purchase. This warranty does not apply to defects or damage caused by misuse, alteration or normal wear and tear, and is limited only to replacement of this tool.

ADVERTENCIA: MANTIENE FUERA DEL ALCANCE DE NIÑOS. LEA TODAS LAS INSTRUCCIONES ANTES DE PELIGRO DEL USO. Peligro de choque. Mantenga el cargador y el adaptador de batería ausentes del agua y de otros líquidos. Nunca funcione si se daña la cuerda o el producto no está trabajando correctamente. Desenchufe cuando no en uso.

GARANTÍA: Los productos DuraPRO han sido diseñados con la calidad en mente. Este producto está garantizado contra defectos de material y mano de obra durante dos años a partir de la fecha de la compra. Esta garantía no se aplica a defectos o daños causados por el maltrato, la alteración o el desgaste normal, y está limitada solamente al reemplazo de la herramienta.

CHARGING A DEAD BATTERY

- **NOTE:** Before attempting to start vehicle, the ZipStartXL must be removed from the vehicle's 12V socket.
- Turn off all lights and all other accessories (radio, etc.) in the vehicle. **TIP:** *keep one small vehicle light or dial turned on to aid in determining if the battery is charging.*
- Make sure the vehicle's 12V socket is clean and free of debris.
- Put the 12V Power Plug into the vehicle's 12V socket.
- Push the ZipStartXL Master Switch to the ON/OUTPUT position.
- The Power Indicator Light on the 12V Power Plug will illuminate, and the light or dial left on in the vehicle should brighten, go to the next step. *If the light or dial does not brighten, turn the ignition key ONLY as far as the accessory position (see the vehicle owner's manual.)* In some vehicles this is necessary for the 12V socket to operate. *If the light or dial still does not brighten, turn off the light or dial and go to the next step.*
- Leave the ZipStartXL plugged into the 12V socket for a minimum of 35 minutes (not to exceed one hour.) After this time, if turned off, turn on the light or dial again. If it brightens go to the next step. If it does not brighten, the ZipStartXL is unable to charge your battery; call a service center or tow truck.
- Before attempting to start your vehicle, turn off all lights and dials. **Remove** the ZipStartXL from the 12V socket, and attempt to start the vehicle. **If the vehicle does not start, DO NOT attempt to start the engine more than twice. Call a service center or tow truck.**

USING AS A DC 12V POWER SOURCE

The ZipStartXL's 12V DC Power Socket mimics the 12V socket of a vehicle. Any accessory you would normally plug into your vehicle's 12V socket (cell phone, camcorder, flashlight, radio, etc.) can be powered from the ZipStartXL's 12V socket, using the ZipStartXL's built-in battery as the power source.

- The ZipStartXL 12V DC socket is center pin positive (+). Most 12V DC accessories come with this configuration, but not all. **Before connecting any accessory to the ZipStartXL's 12V socket, check the accessory owner's manual for the polarity of the accessory.**
- If the accessory is center pin positive, simply plug it into the 12V socket, push the ZipStartXL master switch to the ON/OUTPUT position and run normally.
- For DC accessories that are NOT center pin positive, you must use a DC to DC adapter (not included.)

SAMPLE RUN TIMES FOR ACCESSORIES

The following are approximate times that accessories can be expected to run and function normally while powered by the ZipStartXL.

cell phone – 4 hours of talk, 5 days of stand-by mode
camcorder – 2.5 hours (0,6A load), 3.6 hours (0.4A load)
spotlight – 1 hour (25 watt bulb), 2 hours (12.5 watt bulb)
camping lantern (dual-fluorescent type 4 watts) – 3.5 hours
CD player (3 watts) – 5 hours

CHECKING THE ZipStartXL BUILT-IN BATTERY LEVEL

Push the ZipStartXL Master Switch to the Battery Reader position. The Charge Level Indicator Lights below the switch will indicate whether the built-in battery's charge is at "full" (green light), "half" (yellow light) or "empty" (red light). Recharging is recommended when "half" charge is indicated, and is necessary immediately when "empty" is indicated. Disconnect from any power source before checking battery.

RECHARGING THE ZipStartXL

RECHARGING IN VEHICLE

Simply leave the ZipStartXL plugged into the vehicle's 12V socket for 30 to 60 minutes, while the engine is running, to fully charge. The ZipStartXL master switch should be in the neutral position (Off/Recharge Mode). (After unplugging the ZipStartXL, use the Battery Reader Charge Level Indicator Lights to determine if full charge has been achieved.)

Do not leave the ZipStartXL plugged into the 12V socket when the vehicle is not running. The ZipStartXL will not recharge, and may drain power from the car battery. *NOTE: the ZipStartXL should be charged at least once every 6 months regardless of usage. Most Ni-Cad batteries average over 500 charges in their life cycle.*

RECHARGING FROM AC POWER SOURCE

YOU WILL NEED: ZipStartXL, AC Power Adapter

An AC Power Adapter is included with your ZipStartXL for recharging from a standard power outlet. Simply leave the ZipStartXL plugged into a power outlet for 2-3 hours to fully charge. (After unplugging the ZipStartXL, use the Battery Reader Charge Level Indicator Lights to determine if a full charge has been achieved.) To avoid possible damage or injury use only an AC Charger of the correct voltage (Input: 120V, 60Hz, 13.5W; Output: 15V DC, 500mA). The ZipStartXL master switch should be left in the neutral position (Off/Recharge Mode).